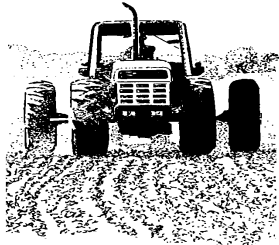




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TENNESSEE WEEKLY
WEATHER AND CROP BULLETIN



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2005 Weather Crop 10

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Week Ending June 5, 2005

RAINFALL PROVIDES HELP FOR SOME AREAS

A low pressure system moved into Tennessee around the middle of last week resulting in rainfall across the entire State. For those areas receiving meaningful rainfall, the showers could not have come at a better time, as the recent lack of moisture had slowed plant development. This moisture should help facilitate seed germination, promote emergence, and improve the condition of the State’s row crops. Unfortunately, the rainfall was light and spotty in some areas of the State. For those areas remaining dry, some fields are beginning to show stress.

There were 4 days considered suitable for fieldwork last week. As of Friday, topsoil moisture levels were rated 1 percent very short, 16 percent short, 77 percent adequate, and 6 percent surplus. Subsoil moisture levels were rated 3 percent very short, 27 percent short, 68 percent adequate, and 2 percent surplus. Last week, temperatures averaged near normal across the State. Rainfall averaged near normal over Northwest and Southeast Tennessee, but below normal for the remainder of the State.

CROP PROGRESS: Through June 5, 2005					CONDITION: On June 3, 2005					
Crop	This Week	Last Week	2004	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Exc
Percent					Percent					
Winter Wheat - Turning Color	92	66	95	92	Winter Wheat	2	6	27	50	15
Winter Wheat - Ripe	25	4	40	35	Corn	1	5	24	50	20
Soybeans - Planted	85	81	67	53	Cotton	0	2	23	56	19
Soybeans - Emerged	66	52	47	39	Alfalfa Hay	0	2	23	65	10
Tobacco Transplanted	74	62	71	70	Other Hay	1	6	25	60	8
Alfalfa Hay - 1 st Cutting	90	87	91	90	Pastures	1	7	32	53	7
Other Hay - 1 st Cutting	84	71	77	73	Cattle	0	2	21	64	13
					Soybeans	1	5	27	54	13

CORN: Some farmers spent last week top dressing in anticipation of rainfall. A few fields of early planted corn have begun the silking stage.

WHEAT: More than ninety percent of the crop was turning color by week’s end, on pace with the five-year average. One-fourth of the crop was ripe, setting the stage for harvest to begin within the next few weeks. The crop was rated in mostly good condition.

COTTON: Seventy-five percent of the crop was rated in good-to-excellent condition, despite the dry weather during May. Farmers continued to monitor areas for thrips.

SOYBEANS: Nearly all of the State’s full season variety beans had been planted by week’s end. Farmers are awaiting wheat harvest to get their double-crop beans in the ground. Two-thirds of the acreage had emerged, with the crop rated in mostly good condition.

TOBACCO: Three-fourths of the crop has been transplanted with no major problems reported.

PASTURES, HAY & CATTLE: The first cutting of alfalfa hay is progressing on schedule, while other hay was slightly ahead of schedule. For many farmers, hay cutting was their only activity as it had been too dry to do much else. The recent moisture should help boost pasture growth. Currently, pastures and cattle are rated in mostly fair-to-good condition.

LOCATION	TEMPERATURE				PRECIPITATION				GDD BASE 60F	
	Week Ending June 5, 2005				Current Week 06/05/05	Rain Days	Current Since January 1	Departure From Normal		
	HI	LO	AVG	DFN					Since April 1 Total	DFN
Ames_Plantation	92	59	71	-3	1.64	2	24.31	-0.79	392	-69
Tri-City_RGNL_A	83	50	66	-2	0.32	3	16.55	-1.56	185	-32
Brownsville_TN	91	58	71	-3	1.95	3	21.90	-3.40	450	+122
Chattanooga/Lov	86	59	69	-3	1.65	5	19.66	-5.35	354	-7
Clarksville_Sew	93	55	73	+3	1.36	3	21.67	-1.39	383	+31
Cookeville	88	49	68	-2	0.91	3	21.03	-4.81	221	+59
Covington	91	58	70	-4	0.69	2	19.94	-5.20	391	-46
Crossville_AP	80	52	67	-1	0.38	4	22.00	-3.69	220	+12
Dickson_AG	89	51	70	-2	1.76	3	22.23	-2.66	267	-105
Dover_1W	88	54	70	-2	1.28	2	19.31	-4.77	317	+16
Dyersburg	91	57	73	-2	1.11	1	20.93	-2.08	465	-25
Erwin_1W	81	46	64	-3	0.62	3	18.53	-2.34	135	-148
Huntingdon_Wate	89	54	70	-2	2.24	2	21.62	-2.59	357	+41
Jackson_Exp_Stn	90	57	71	-2	3.13	2	24.46	-0.14	409	+1
Kingston_AG	81	53	68	-2	0.58	3	24.52	-2.21	244	+0
Knoxville_AP	83	56	69	-2	0.92	4	18.30	-3.52	316	+25
Lewisburg	90	53	69	-2	1.75	4	22.05	-3.57	262	-32
Lexington_TN	90	55	70	-3	1.83	3	21.15	-2.39	327	+154
Linden	90	55	69	-2	1.85	3	19.30	-6.83	317	-6
Martin	90	55	70	-2	1.53	2	19.21	-4.57	372	-1
Mc_Minnville_Tn	89	56	71	+0	1.00	3	18.27	-6.43	316	-128
Memphis_AG	96	60	72	-5	0.09	2	19.95	-4.63	444	-125
Milan	90	52	70	-3	1.74	2	20.37	-4.36	358	-10
Murfreesboro_5N	90	53	70	-1	0.88	4	21.04	-3.30	296	-174
Nashville_Metro	90	56	72	-2	0.69	2	20.81	-1.34	393	-2
Newcomb	83	48	66	+0	0.56	2	21.16	-3.22	184	+16
Oneida	83	51	67	+1	0.40	4	21.45	-2.93	204	-154
Pikeville	88	52	70	-1	0.76	3	17.18	-7.92	274	-16
Portland_TN	87	56	69	-1	0.64	2	22.37	-1.30	319	+32
Pulaski_Water_P	89	54	68	-5	2.12	4	22.97	-2.70	263	-149
Savannah_6SW	92	57	70	-4	1.82	2	22.31	-5.12	376	+38
Sparta_TN	93	50	71	+2	0.84	3	22.71	-2.48	294	+45
Springfield	88	50	70	-1	0.61	2	20.23	-2.56	318	+34
Springhill	89	54	69	-2	1.44	3	22.04	-3.87	304	+18
Union_City	89	55	71	-2	1.55	2	22.45	-1.20	332	-28
Waynesboro_TN	90	55	69	-1	2.20	3	19.81	-7.55	280	-103

Precipitation Days = Days with precip of 0.01 inch or more. Precipitation (rain or melted snow/ice) in inches.

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